

Converting Colors

Hex(57112E)

Have a look what the booklet for
Hex(57112E) contains.

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Color

Hex(57112E)

Conversions

Conversions Part 1

Format	Color
Hex	57112E
RGB	87, 17, 46
RGB Percent	34%, 7%, 18%
CMY	0.6588, 0.9333, 0.8196
CMYK	0.00, 0.80, 0.47, 0.66
HSL	335°, 67%, 20%
HSV	335°, 80%, 34%
XYZ	4.6241, 2.6244, 2.8476
YIQ	41.2360, 32.4110, 23.8590

Conversions

Conversions Part 2

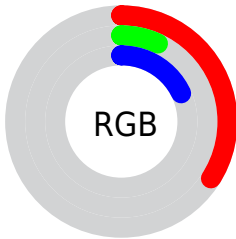
Format	Color
RYB	87, 17, 46
Decimal	5706030
CIELab	18.47, 33.94, 0.07
CIElCh	18, 33.943, 0.116
Yxy	2.6244, 0.4580, 0.2599
Android (android.graphics.Color)	4283896110 (0xFF57112E)
YUV	41.2360, 2.3487, 40.1350
Hunter-Lab	16.2000, 22.6005, 0.9181

Details

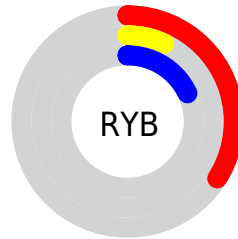
The Hex color **57112E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **11573A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8C435C**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **570829**, and if you desaturate by 10%, it is **571A33**.

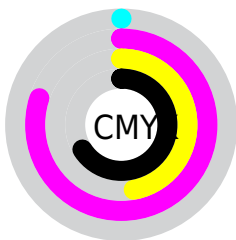
Distribution



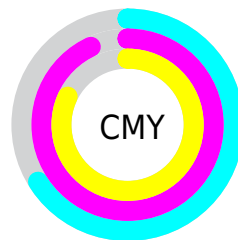
- Red (34%)
- Green (7%)
- Blue (18%)



- Red (34%)
- Yellow (7%)
- Blue (18%)



- Cyan (0%)
- Magenta (80%)
- Yellow (47%)
- Black (66%)



- Cyan (66%)
- Magenta (93%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57112E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 57112E by changing the saturation by 10% instead.

 57112E

 57112E

FFFFFF

 3D0019

 8C435C

 280001

 A85C74

 000000

 C4758E

 E190A8

 FEABC3

 FFC6DF

 FFE3FC

 57112E

 57112E

■ 570829

■ 571A33

■ 570024

■ 572238

■ 572B3D

■ 573442

■ 573D47

■ 57454D

■ 574E52

■ 575757

■ 575F5C

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4A1A46



57112E



561616

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57112E



213300



003658

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57112E



11573A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003845



57112E



003613

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57112E



392C00



00382C



00305E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57112E



501E03



00382C



003752

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57112E



705560



3A1157



38282F



B8B8B8



383838

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57112E



700330



571711



2B2729



6B002C



EB0061

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57112E



700330



115157



2B2729



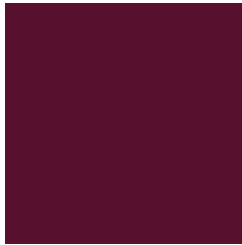
6B002C



EB0061

Previews

White Background



This preview shows how the Hex color 57112E looks on a white background.

Color Contrast Check

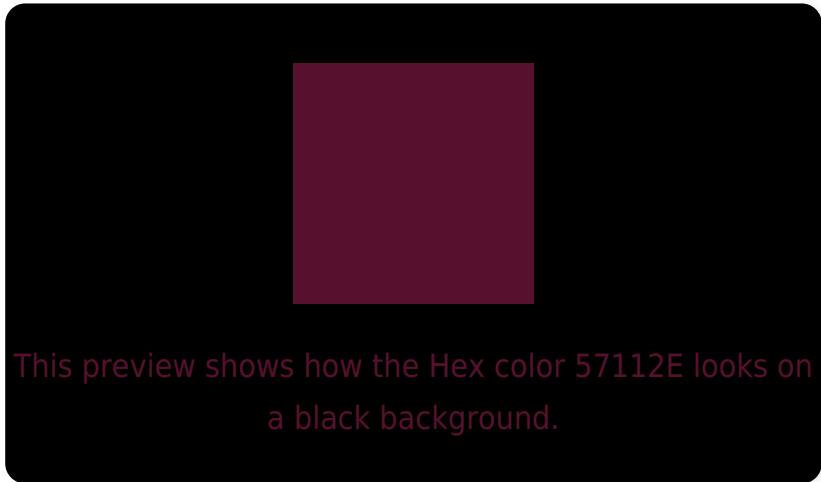
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

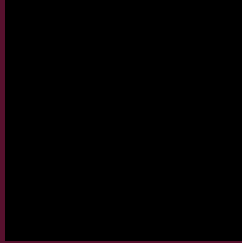
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 57112E Background



This preview shows how black text looks on a background with the Hex color 57112E.



This preview shows how white text looks on a background with the Hex color 57112E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
57112E

Protanopia
2B2F3F

Deuteranopia
352D2B



Tritanopia
561718

Trichromacy



Original Color
57112E

Protanomaly
3B2439

Deuteranomaly
41232C

Tritanomaly
561520

Monochromacy



Original Color
57112E

Achromatopsia
292929

Achromatomaly
3A202B

CSS Examples

Text

The CSS property to change the color of the text to Hex 57112E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #57112E looks like.

```
.text, #text, p{  
    color:#57112E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #57112E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57112E
}
```

Border

The CSS property to change the border of an element to Hex 57112E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

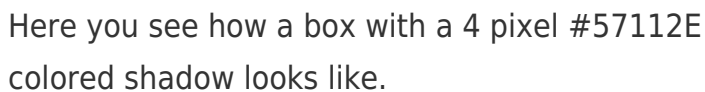
```
.border, #border, table{ border:4px solid
#57112E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#57112E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #57112E colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57112E; -webkit-box-shadow:4px 4px  
4px 4px #57112E; box-shadow:4px 4px 4px  
4px #57112E }
```

Background

The CSS property to change the background color of an element to Hex 57112E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57112E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#57112E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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